

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	17	(US-20020016711-\$ or US-20020123316-\$ or US-20030039329-\$ or US-20030141914-\$).did. or (US-3903482-\$ or US-4896287-\$ or US-5347240-\$ or US-5489864-\$ or US-5592517-\$ or US-5612975-\$ or US-5757857-\$ or US-6055286-\$ or US-6275079-\$ or US-6329859-\$ or US-6392500-\$ or US-6509773-\$). did. or (US-3245079-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/01 14:00
L4	1	l3 and enfor\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/01 14:51
L5	11	phase adj (lock or locked) adj loop and second adj (periodic or signal) and enforc\$3 and amplitude with adjust\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/01 14:53
L6	0	phase adj (lock or locked) adj loop and second adj (periodic or signal) and enforc\$3 and amplitude with adjust\$3 and rotator	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/01 14:52
L7	5	(phase adj (lock or locked) adj loop).ab. and second adj (periodic or signal) and enforc\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/01 14:53
L9	11	l5 or l6	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/01 14:53
S1	14	((("4035725") or ("4158174") or ("4389727") or ("4937873") or ("5233631") or ("5237587") or ("5301210") or ("5517526") or ("5793818") or ("5812927") or ("6002279") or ("6111543") or ("6166971") or ("6242965"))).PN.	USPAT; USOCR	OR	OFF	2004/10/08 11:24
S2	33	"phase detector" and rotator and interpolator	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 13:02
S4	1	("6509773").PN.	USPAT; USOCR	OR	OFF	2004/10/08 15:15
S5	1098	("phase lock\$2 loop" or pll) and interpolat\$2	USPAT	OR	OFF	2004/10/08 15:59
S6	37037	quadrature	USPAT	OR	OFF	2004/10/08 15:19
S7	282	S5 and S6	USPAT	OR	OFF	2004/10/08 17:30
S8	6	S2 and S6	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/08 15:20

S9	10	"phase locked loop" and interpolator and quadrature and rotator	USPAT	OR	OFF	2004/10/08 18:14
S11	821	"phase locked loop" same quadrature	USPAT	OR	OFF	2004/10/08 17:32
S12	32	interpolator and S11	USPAT	OR	OFF	2004/10/08 17:33
S15	11	("5485490" "5650954" "5757857" "5881108" "5966415" "6002279" "6005445" "6009534" "6122336" "6329859" "6359486").PN. OR ("6509773").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/12 11:37
S16	4	("5777501" "5945863" "6005448" "6107848").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/12 16:25
S17	6	("5945863").URPN.	USPAT	OR	OFF	2004/10/12 16:11
S18	6	("6005448").URPN.	USPAT	OR	OFF	2004/10/12 16:18
S19	6	("5945863").URPN.	USPAT	OR	OFF	2004/10/12 16:22
S20	6	("6005448").URPN.	USPAT	OR	OFF	2004/10/12 16:26
S21	11	("5485490" "5650954" "5757857" "5881108" "5966415" "6002279" "6005445" "6009534" "6122336" "6329859" "6359486").PN. OR ("6509773").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/12 18:05
S22	1	("6329859").PN.	USPAT; USOCR	OR	OFF	2004/10/12 17:54
S23	1	("6055286").PN.	USPAT; USOCR	OR	OFF	2004/10/12 17:54
S25	4120	"phase locked loop" and "375"/\$. ccls.	USPAT	OR	OFF	2004/10/13 09:08
S27	1136	"phase locked loop" and 375/376. ccls.	USPAT	OR	OFF	2004/10/13 09:33
S28	1569	375/376.ccls.	USPAT	OR	OFF	2004/10/13 09:10
S29	1569	375/376.ccls.	USPAT	OR	OFF	2004/10/13 10:10
S30	35	interpolator and "quadrature output"	USPAT	OR	OFF	2004/10/13 12:34
S31	0	interpolator near "quadrature output"	USPAT	OR	OFF	2004/10/13 12:34
S32	10	interpolator near ("quadrature output" or (I near Q))	USPAT	OR	OFF	2004/10/13 13:02
S33	0	("phase detector" near "low pass filter") and ("low pass filter" near rotator)	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 13:03
S34	257	"phase detector" near "low pass filter"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 13:09

S35	14280	rotator	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 13:03
S36	3	S34 and S35	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 13:04
S38	26517	"phase locked loop"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 13:10
S39	181	S34 and S38	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 13:34
S40	106	rotator same integrator	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 13:34
S41	30	(rotator same integrator) and "phase locked loop"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 13:45
S42	764	(cos\$3 sin\$3) near6 rotator	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 13:48
S43	35	S42 and S38	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 13:52
S44	3	S42 and S38 not single	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 14:12
S45	212	four near2 interpolator	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 14:13
S46	56	four near2 interpolator and quadrature	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 14:22
S57	46	rotator near2 error and detect\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 14:43
S59	29	rotator adj2 error and detect\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 17:10
S60	446	"phase detector" and interpolator	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 17:11
S61	483	rotator same I same Q	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 17:12
S62	15	S60 and S61	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 17:22

S63	82	rotator and I and Q and interpolator	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/13 17:22
S64	850	("phase locked loop" or pll) same (cos\$3 and sin\$3)	USPAT	OR	OFF	2004/10/14 16:10
S65	32031	"375"/\$.ccls.	USPAT	OR	OFF	2004/10/14 16:11
S66	233	S64 and S65	USPAT	OR	OFF	2004/10/14 16:19
S67	179	S64 and S65 and error	USPAT	OR	OFF	2004/10/14 16:22
S68	289781	S64 and S65 and error and phase detector	USPAT	OR	OFF	2004/10/14 16:22
S69	85	S64 and S65 and error and "phase detector"	USPAT	OR	OFF	2004/10/14 16:38
S70	1	"5193224".pn.	USPAT	OR	OFF	2004/10/14 17:11
S71	7	rotator near3 integrator	USPAT	OR	OFF	2004/10/14 17:27
S72	17	"5193224"	USPAT	OR	OFF	2004/10/14 17:28
S73	1	"5193224".pn.	USPAT	OR	OFF	2004/10/14 17:28